

## STRUCTURALLY SEALED HEAT SINK

### ABSTRACT OF THE DISCLOSURE

A structurally sealed heat sink is composed of a main body, at least one sealing member, and at least one solder unit. The main body includes a chamber inside, a capillary layer adhered to a peripheral surface of said chamber, and at least one opening having a predetermined depth to define a peripheral wall of a predetermined height. The sealing member that is identical to the opening in number includes an intersection intersected with the opening for the predetermined depth, a solder ditch formed between the sealing member and the main body, and an annular groove formed between the peripheral wall and an outer periphery of the sealing member. The solder unit that is identical to the opening in number is disposed inside the solder ditch.